

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1-29 (Canceled).

1 30. (New) A method of finding a target object utilizing a tracking unit, comprising:
2 receiving a first identification code which said tracking unit pre-selected to represent a
3 first target object, wherein said first identification code is a unique code utilized to identify said
4 first target object;

5 receiving a plurality of wireless signals broadcasted from a plurality of objects within a
6 predefined range, wherein said plurality of wireless signals are repeatedly broadcasted over a
7 predetermined time frame within said predefined range;

8 identifying a first wireless signal from said plurality of wireless signals in response to
9 said first identification code; and

10 estimating a first distance and a first bearing directly on strength and location of said first
11 wireless signal source, wherein said estimating a first distance includes calculating a distance
12 between said tracking unit and said first target object.

1 31. (New) The method of claim 30, further comprising displaying said first distance
2 and said first bearing on a display.

1 32. (New) The method of claim 31, further comprising:
2 continuing to receive subsequent sets of wireless signals broadcasted from said plurality
3 of objects within said predefined range;

4 identifying subsequent first wireless signal from said subsequent sets of wireless signals
5 in response to said first identification code;
6 updating said first distance and said first bearing in response to said subsequent first
7 wireless signal; and
8 redisplaying updated said first distance and said first bearing on said display.

1 33. (New) The method of claim 30, further comprising:
2 receiving a second identification code representing a second target object from said code
3 input device;
4 identifying a second wireless signal from said plurality of wireless signals in response to
5 said second identification code; and
6 estimating a second distance and a second bearing in response to at least partially on
7 strength of said second wireless signal, wherein said estimating a second distance includes
8 calculating a distance between said tracking unit and said second target object.

1 34. (New) The method of claim 33, further comprising:
2 mapping said first distance, said second distance, said first bearing and said second
3 bearing into graphically displayable data showing relative locations between said tracking unit,
4 said first object and said second object; and
5 displaying said relative locations on a display.

1 35. (New) The method of claim 30, wherein said receiving a first identification code
2 representing a first target object from a code input device further includes accepting said first
3 identification code from a user.

1 36. (New) The method of claim 30, wherein said tracking units is pre-loaded with a
2 plurality of classification codes and specific target codes, wherein every object belongs to at least

3 one of said classification codes, wherein said specific target codes are assigned based on a set of
4 predetermined criteria.

1 37. (New) The method of claim 30, in which said wireless signal broadcasted from a
2 target unit located on said target object is adapted to vary its frequency of transmission based on
3 predetermined criteria;
4 in which said tracking unit is adapted to broadcast a wake-up signal, and
5 in which said target unit, upon receiving said wake-up signal, is adapted to broadcast said
6 predetermined signal.

1 38. (New) The method of claim 30, wherein said identifying a first wireless signal
2 from said plurality of wireless signals further includes comparing every identification in said
3 plurality of wireless signals with said first identification code.

1 39. (New) The method of claim 30, wherein said estimating a first distance and a first
2 bearing in response to at least partially on strength of said first wireless signal further includes
3 calculating signal strength of said first wireless signal in response to said predefined range.

1 40. (New) The method of claim 37, wherein said target unit is adapted to transmit a
2 signal carrying a plurality of codes, each code being representative of a predetermined target
3 object.

1 41. (New) A tracking unit for finding a target object, comprising:
2 a code input device capable of receiving a first identification code representing a first
3 target object, wherein said first identification code is a unique code utilized to identify said first
4 target object;
5 a receiver coupled to said code input device and configured to receive a plurality of
6 wireless signals broadcasted from a plurality of objects within a predefined range, wherein said

7 plurality of wireless signals are repeatedly broadcasted over a predetermined time frame within
8 said predefined range;

9 an identification device coupled to said receiver and configured to identify a first wireless
10 signal from said plurality of wireless signals in response to said first identification code; and

11 a calculator coupled to said identification device and configured to estimate a first
12 distance between said tracking unit and said first target object and a first bearing between said
13 tracking unit and said first target object in response directly on strength and location of said first
14 wireless signal source.

1 42. (New) The system of claim 41, wherein a target unit in said target object is
2 adapted to broadcast a target signal comprising a plurality strings of descriptive codes, each of
3 said strings identifying at least one of a plurality of target object.

1 43. (New) The method of claim 42, wherein said receiver is capable of continuing
2 receipt of subsequent wireless signals broadcasted from said plurality of objects within said
3 predefined range.

1 44. (New) The method of claim 43, wherein said identification device is capable of
2 identifying subsequent first wireless signals from said plurality of wireless signals in response to
3 said first identification code.

1 45. (New) The method of claim 44, wherein said calculator is capable of updating
2 said first distance and said first bearing in response to said subsequent first wireless signals.

1 46. (New) The method of claim 45, wherein said display is capable of redisplaying
2 updated said first distance and said first bearing.

1 47. (New) The system of claim 41, wherein said receiver is further capable of
2 receiving a second identification code representing a second target object from said code input
3 device.

1 48. (New) The system of claim 47, wherein said identification device is further
2 capable of identifying a second wireless signal from said plurality of wireless signals in response
3 to said second identification code.

1 49. (New) The system of claim 48, wherein said calculator is further capable of
2 estimating a second distance between said tracking unit and said second target object and a
3 second bearing between said tracking unit and said second target object in response to at least
4 partially on strength of said second wireless signal.

1 50. (New) An apparatus of finding a target unit utilizing a tracking unit, comprising:
2 means for receiving a first identification code representing a first target object from a
3 code input device, wherein said first identification code is a unique code utilized to identify said
4 first target object;

5 means for receiving a plurality of wireless signals broadcasted from a plurality of objects
6 within a predefined range, wherein said plurality of wireless signals are repeatedly broadcasted
7 over a predetermined time frame within said predefined range;

8 means for identifying a first wireless signal from said plurality of wireless signals in
9 response to said first identification code; and

10 means for estimating a first distance and a first bearing in response to at least partially on
11 strength of said first wireless signal, wherein said estimating a first distance includes calculating
12 a distance between said tracking unit and said first target object.

1 51. (New) The apparatus of claim 50, wherein at least one of said target unit is
2 deployed in a local fixed signal site ("LFS") to represent a plurality of target locations, wherein
3 said LFS is programmed to store said relative location information about its represented target
4 locations and to send multiple signals to represent all those target locations, wherein when one
5 signal matches said target code which said tracking unit entered, said tracking unit triangulate
6 and display the bearing and distance between said tracking unit and the target location.

1 52. (New) The apparatus of claim 51, wherein a plurality of LFS's are installed and
2 networked together to represent a plurality of cell regions, wherein said tracking unit is two way
3 communication with said LFS and directed to a target location which is not in a first cell region
4 by using hand-off by one a first LFS to a second LFS from a first cell region to a second cell
5 region, such that said tracking unit uses said networked LFS's to navigate all location where this
6 networked LFS is deployed.

1 53. (New) The apparatus of claim 50, further comprising:
2 means for receiving a second identification code representing a second target object from
3 said code input device;
4 means for identifying a second wireless signal from said plurality of wireless signals in
5 response to said second identification code; and
6 means for estimating a second distance and a second bearing in response to at least
7 partially on strength of said second wireless signal, wherein said estimating a second distance
8 includes calculating a distance between said tracking unit and said second target object.

1 54. (New) The apparatus of claim 53, further comprising:

2 means for mapping said first distance, said second distance, said first bearing and said
3 second bearing into graphically displayable data showing relative locations between said
4 tracking unit, said first object and said second object; and
5 means for displaying said relative locations on a display.

1 55. (New) The apparatus of claim 50, wherein said means for receiving a first
2 identification code representing a first target object from a code input device further includes
3 means for accepting said first identification code from a user.

1 56. (New) The apparatus of claim 50, wherein said means for receiving a first
2 identification code representing a first target object further includes means for monitoring
3 whether said first target object is a moving object or a fixed object.

1 57. (New) The apparatus of claim 41, wherein at least one of said wireless signal
2 combines a target code with live messages, said live messages adapted to be displayed by said
3 tracking unit to show information provided by a target unit associated with said target code.

1 58. (New) The method of claim 30, 41, 50, wherein said identification code
2 comprises at least one of the following:
3 at least one classification code;
4 at least one descriptive code;
5 at least one specific location code;
6 at least one business name code.

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